

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Docket Number 70605

Application No.  
09/840,601

Applicant Fitzgibbon et al.

Filing Date April 23, 2001

Group Art Unit  
2837

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	2	2	6	8	1	3	3	12/30/1941	Carlson	161	1	
	3	1	4	7	0	0	1	09/01/1964	Purdy	268	59	
	3	2	6	2	1	0	5	07/19/1966	Bell	340	203	
	3	6	5	4	4	8	0	04/04/1972	Stephenson	250	231 R	
	4	0	6	4	4	0	4	12/20/1977	Willmott et al.	307	141.4	
	4	2	3	4	8	3	3	11/18/1980	Barrett	318	282	
	4	2	6	3	5	3	6	04/21/1981	Lee et al.	318	266	
	4	3	4	8	6	2	5	09/07/1982	Sharp	318	757	
Ro	4	3	6	5	2	5	0	12/21/1982	Matsuoka et al.	340	825.32	
	4	3	6	9	3	9	9	01/18/1983	Lee et al.	318	467	
	4	4	6	7	2	4	9	08/21/1984	Swearingen, Jr.	318	282	
	4	5	6	5	0	2	9	01/21/1986	Kornbrekke et al.	49	25	
	4	5	6	7	4	1	1	01/28/1986	Reimann et al.	318	341	
	4	5	9	7	4	2	8	07/01/1986	Iha	160	188	
	4	6	2	5	2	9	1	11/25/1986	Hörmann	364	550	
	4	6	3	8	4	3	3	01/20/1987	Schindler	364	400	
	4	6	7	3	8	4	8	06/16/1987	Hagiwara et al.	318	266	
	4	7	2	6	2	4	7	02/23/1988	Hörmann	74	424.6	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation	
						Yes	No
	DE 297 06 251 U1 (w/English abstract)	10/02/1997	Germany	G08C	17/00		X
	EP 0 280 854 A1 (w/English abstract)	09/07/1988	EPO	E05F	15/16		X
Ro	EP 0 544 262 A2 (w/English abstract)	06/02/1993	EPO	E05F	15/00		X
	EP 0 767 288 A1 (w/English abstract)	04/09/1997	EPO	E05F	15/20		X
	EP 0 771 923 A2 (w/English abstract)	05/05/1997	EPO	E05F	15/00		X
	EP 0 786 848 A1 (w/English abstract)	07/30/1997	EPO	H02H	7/085		X

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER:

Ben Bm Ro

DATE CONSIDERED:

9/1/2002

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION  
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Docket Number 70603

Application No.  
09/840,601

Applicant Fitzgibbon et al.

Filing Date April 23, 2001

Group Art Unit  
2837

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	4	7	2	7	6	7	9	03/01/1988	Kornbrekke et al.	49	138	
	4	7	7	5	8	2	3	10/04/1988	Yoshida et al.	318	266	
	4	8	6	8	4	0	9	09/19/1989	Tanaka et al.	307	10.5	
	4	8	8	8	5	3	1	12/19/1989	Hörmann	318	282	
	4	9	1	6	8	6	0	04/17/1990	Richmond et al.	49	28	
	4	9	2	2	1	6	8	05/01/1990	Waggamon et al.	318	286	
	4	9	5	2	0	8	0	08/28/1990	Boiucaner et al.	388	811	
Ro	5	0	7	6	0	1	2	12/31/1991	Richmond et al.	49	28	
	5	1	3	6	8	0	9	08/11/1992	Richmond et al.	49	28	
	5	1	3	7	5	0	0	08/11/1992	Lhotak	474	152	
	5	1	8	9	4	1	2	02/23/1993	Mehta et al.	340	825.22	
	5	2	2	6	2	5	7	07/13/1993	Moss	49	13	
	5	2	3	3	1	8	5	08/03/1993	Whitaker	250	222.1	
	5	2	3	5	4	9	4	08/10/1993	Chang et al.	361	736	
	5	2	4	1	8	7	3	09/07/1993	Hörmann	74	424.6	
	5	2	7	8	4	8	0	01/11/1994	Murray	318	626	
	5	2	8	2	3	3	7	02/01/1994	Duhame et al.	49	199	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation	
						Yes	No
Ro	GB 2 122 382 A	01/11/1984	Great Britain	G05B	19/02		
	GB 2 245 389 A	01/02/1992	Great Britain	E05F	15/20		
	WO 90/10776 (w/English abstract)	09/20/1990	PCT	E05F	15/20		X

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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DATE CONSIDERED: 9/11/2002

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Form PTO-1449

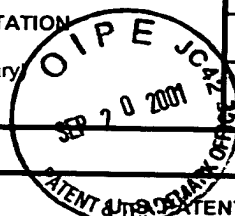
Docket Number 70605

#4

Application No.  
09/840,601
**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Applicant Fitzgibbon et al.

Filing Date April 23, 2001

Group Art Unit  
2837
**PATENT AND PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	5	3	5	7	1	8	3	10/18/1994	Lin	318	468	
	5	4	1	2	2	9	7	05/02/1995	Clark et al.	318	468	
	5	4	7	0	1	8	5	11/28/1995	Tsubota et al.	414	264	
	5	5	7	6	7	0	1	11/19/1996	Heitschel et al.	340	825.310	
	5	5	8	9	7	4	7	12/31/1996	Utke	318	468	
	5	5	9	6	8	4	0	01/28/1997	Teich	49	26	
	5	6	2	5	9	8	0	05/06/1997	Teich et al.	49	26	
	5	6	5	6	9	0	0	08/12/1997	Michel et al.	318	286	
	5	6	6	1	8	0	4	08/26/1997	Dykema et al.	380	21	
Ro	5	6	9	9	0	5	5	12/16/1997	Dykema et al.	340	825.22	
	5	7	7	4	0	6	5	06/30/1998	Mabuchi et al.	340	825.72	
	5	7	9	3	3	0	0	08/11/1998	Suman et al.	340	825.2	
	5	9	0	3	2	2	6	05/11/1999	Suman et al.	340	825.69	
	5	9	2	9	5	8	0	07/27/1999	Mullet et al.	318	466	
	6	0	9	1	2	1	7	07/18/2000	Parsadayan	318	285	
	6	1	7	2	4	7	5	01/09/2001	Fitzgibbon et al.	318	266	
	6	2	2	9	2	7	6	05/08/2001	Fitzgibbon et al.	318	565	
	6	2	3	9	5	6	9	05/29/2001	Fitzgibbon et al.	318	480	
	6	2	4	6	1	9	6	06/12/2001	Fitzgibbon et al.	318	430	
	6	2	7	8	2	4	9	08/21/2001	Fitzgibbon et al.	318	268	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation	
						Yes	No

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)


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